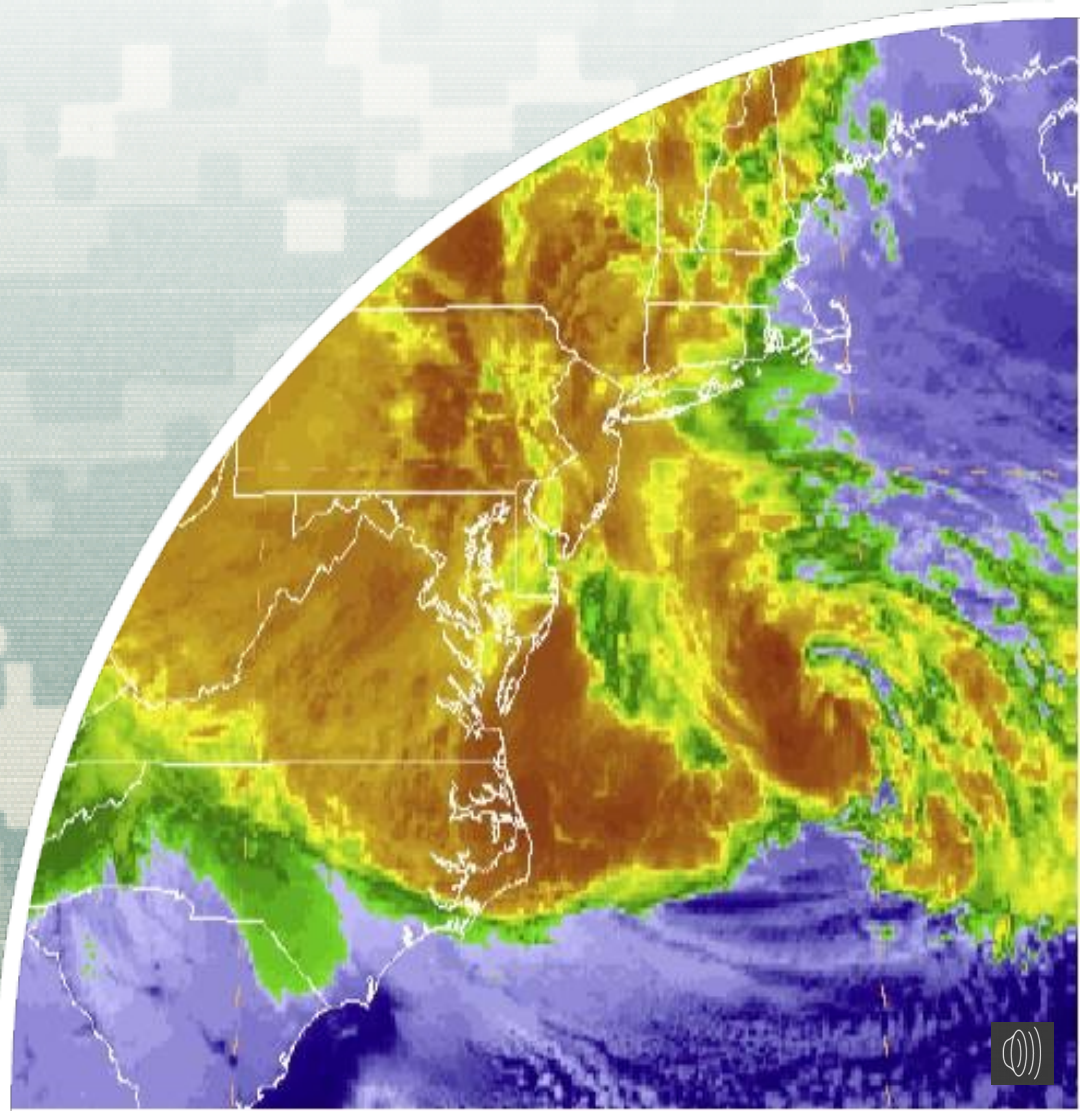


North Atlantic Coast Comprehensive Study

**U.S. Army Corps of
Engineers**

Coastal Storm Risk Management
Planning Center of Expertise



Overview

- Authority & Study Area
- Goals
- Scope
- Products
- Schedule
- Communication & Outreach
- Next Steps

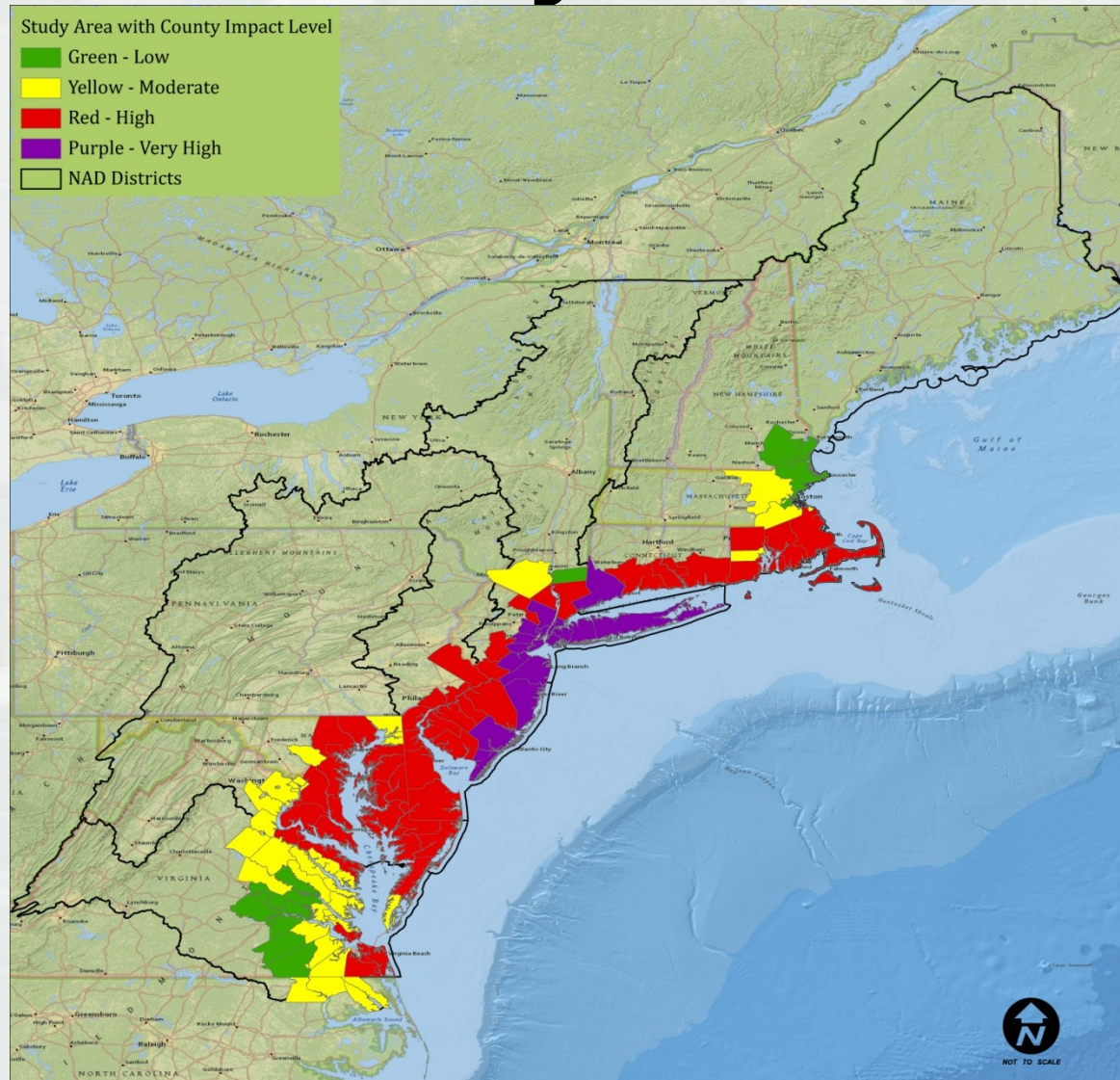


Authority

- “That using **up to \$20,000,000 (\$19M after sequestration)** of the funds provided herein, the Secretary shall conduct a comprehensive study to address the flood risks of vulnerable coastal populations in areas that were affected by Hurricane Sandy within the boundaries of the North Atlantic Division of the Corps...”
- Up to \$20M for Comprehensive Study **by January 2015**; unused funds available for future USACE studies
 - **"Address flood risks of vulnerable coastal populations"** affected by Hurricane Sandy within the North Atlantic Division...
 - ▶ Coastline as defined by FEMA's Hurricane Sandy storm surge data
 - ▶ Affected by erosion, precipitation, winds, surge, etc.
 - Ensure study is consistent with **interagency** efforts
 - **Identify institutional barriers** and develop strategies



Study Area



Goals

1. Provide Risk Reduction Framework– Reduce risk to which **vulnerable coastal populations** are subject.
2. Promote Coastal Resilient Communities – Ensure a **sustainable** and robust coastal landscape **system**, considering **future sea level rise and climate change** scenarios, to reduce risk to vulnerable populations, property, ecosystems, and infrastructure.



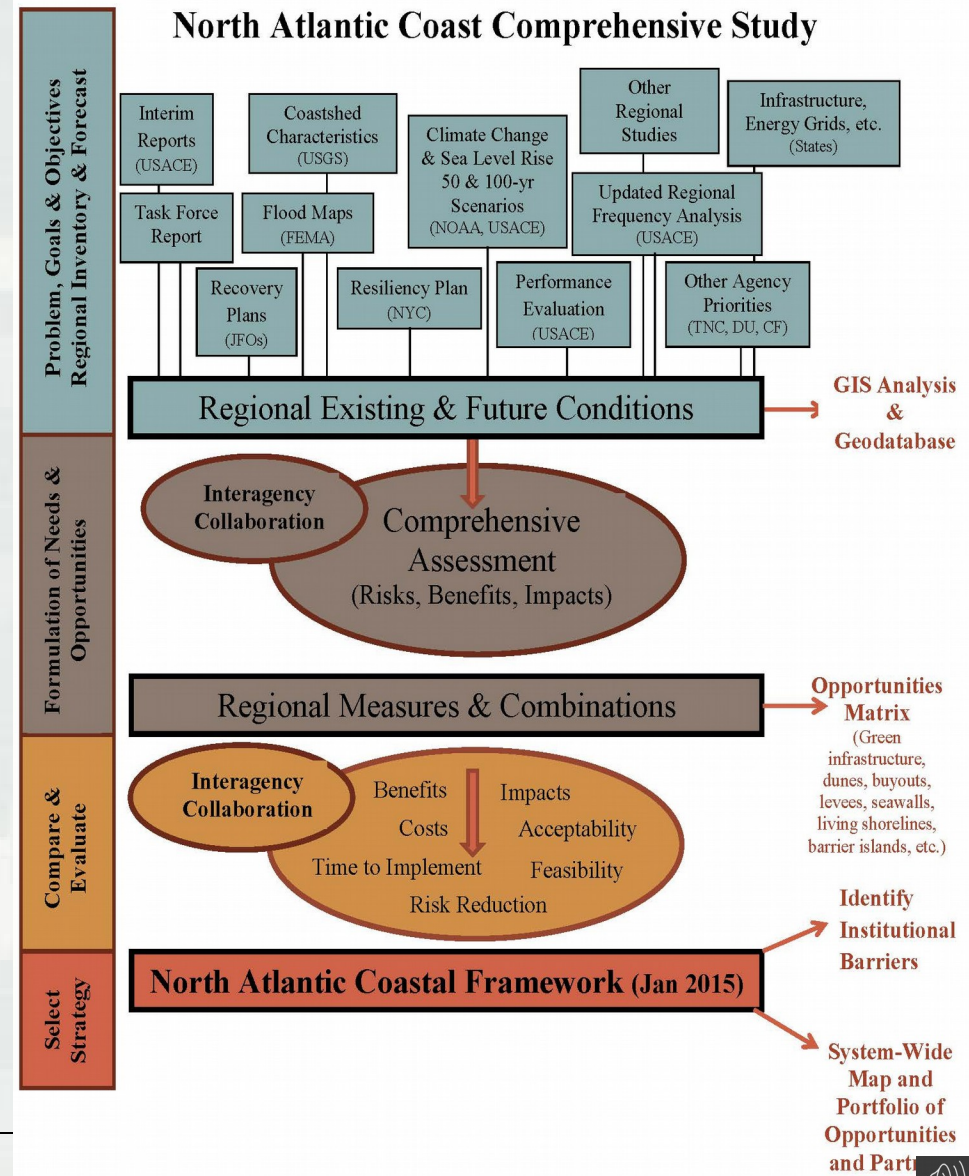
USACE-NOAA Rebuilding Principles



Scope: Process

Coastal Framework

- ❑ Regional scale
- ❑ Interagency collaboration
- ❑ Opportunities by region/state
- ❑ Identify range of potential solutions and parametric costs by state
- ❑ Identify activities warranting additional analysis



Team and Subteams

Products

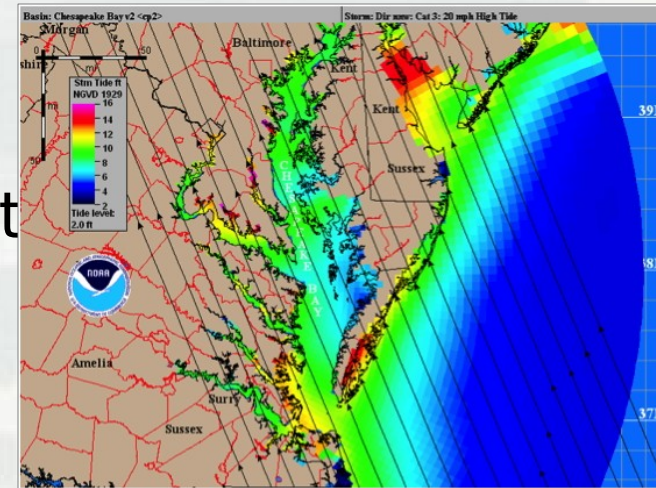
1. Coastal Framework (31,000 miles)

- ❑ ~36 reaches by shoreline type
- ❑ Identify likely future (post-Sandy) conditions
- ❑ Identify flood risk, and vulnerable populations & infrastructure including with sea level rise
- ❑ Identify range of measures to reduce risk
 - Structural
 - Non-structural (including green infrastructure and regional sediment mgmt)
 - Programmatic
- ❑ Screen and combine measures for minimal, moderate & aggressive approaches
- ❑ Identify planning-level costs, risk reduction and benefits/concerns for each measure



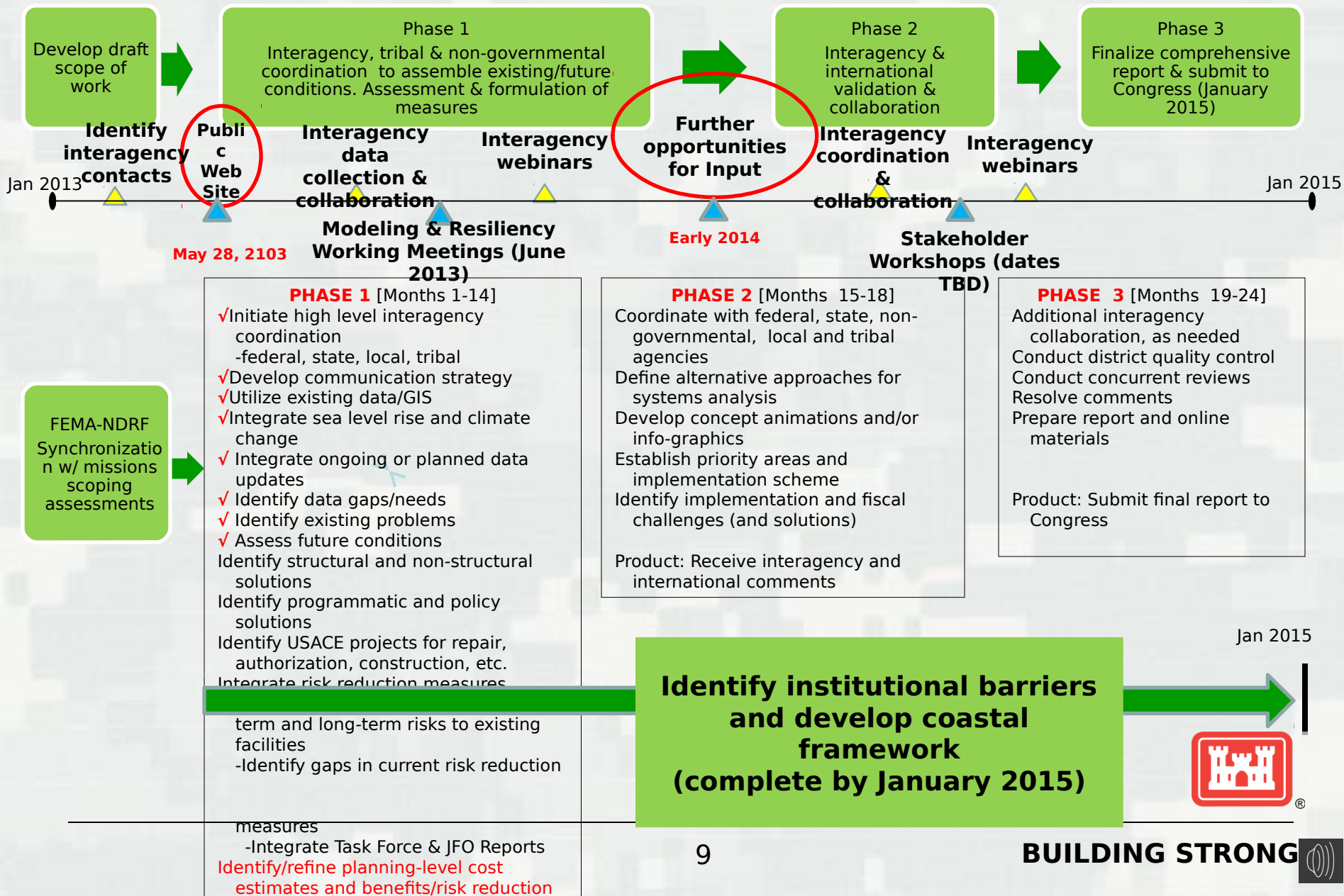
Products

2. Identification of institutional barriers and strategies to comprehensive implementation
3. Identification of activities warranting further analysis
4. Geodatabase of coastal data gaps
5. Storm Suite modeling
6. No NEPA documentation, designs or construction (Congress provided study authority)



Schedule

29 Jan 13
Enactment of Supplemental Legislation PL 113-2



Communication & Outreach

► Public Rollout/Outreach

- Articles, interviews, speaking engagements, maps, FAQs
- Press Release (28 May 2013)
- Webpage (www.nad.usace.army.mil/CompStudy)
- Public input surveys/polling (draft report)

► Interagency Collaboration

- Official coordination letters (feds, states, tribes, non-governmental)
- Federal Register notice (June)
- Subject Matter Experts on subteams
- Collaboration Webinar Series (July-Dec 2013)

• Agency input surveys/polling (draft report)

• ~March 2014, targeted stakeholder/collaboration



BUILDING STRONG



Next Steps

(July-December 2013)

- Interagency coordination and website outreach continues
- Develop Framework by State
 - Future conditions and projections
 - Develop screening criteria for measures
 - **Compile measures and combinations of measures**
 - Diverse set of measures per shoreline type or geographic area/land use type
 - Describe benefits, challenges, etc of measures and combinations of measures
 - Identify likely set of appropriate measures per reach and resultant risk reduction
- Integrate Regional Plans
 - NYC Mayor's Report (12 May 2013)
 - Joint Field Offices State Recovery Support Strategies (14 June 2013)

You are
here!



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